

# Dimensional Analysis

## Equivalencies

$$3 \text{ blobs} = 1 \text{ zerk}$$

$$2 \text{ zerks} = 1 \text{ caw}$$

$$4 \text{ caws} = 1 \text{ snarf}$$

$$6.5 \text{ snarfs} = 1 \text{ shoom}$$

$$2.26 \text{ shooms} = 1 \text{ poof}$$

$$1 \times 10^3 \text{ poofs} = 1 \text{ kratch}$$

Find the following conversions using the above equivalencies with dimensional analysis. This means to show crossing out of unit labels.

1. 8 blobs to zerks

2. 2 zerks to blobs

3. 3 zerks to caws

4. 2.5 caws to zerks

5. 35 caws to snarfs

6. .5 snarfs to caws

7. 18 snarfs to shooms

8. 7 poofs to kratches

9. 24 blobs to snarfs

10. 12 poofs to snarfs

11. 2 zerks to poofs

12. 6 kratches to blobs

13. .2 snarfs to blobs

14.  $8 \times 10^3$  caws to poofs